



Summary of Studies Supporting USDA Product Licensure

Establishment Name	Zoetis Inc.
USDA Vet Biologics Establishment Number	190
Product Code	2100.02
True Name	Bordetella Bronchiseptica Bacterin
Tradenname(s) / Distributor or Subsidiary (if different from manufacturer)	BronchiGuard - Zoetis Industria Productos Veterinarios Ltda. BronchiGuard - Zoetis Industria de Productos Bronchicine - Zoetis South Africa Ltd Bronchicine CAe - No distributor specified Bronchicine CAe - Zoetis Colombia S.A.S. Bronchicine CAe - Zoetis Korea Bronchicine CAe - Zoetis Mexico CoughGuard Plus - Zoetis Argentina CoughGuard Plus - Zoetis de Uruguay S.R.L. Vanguard B Injectable - No distributor specified
Date of Compilation Summary	April 23, 2021

Disclaimer: Do not use the following studies to compare one product to another. Slight differences in study design and execution can render the comparisons meaningless.

Study Type	Efficacy
Pertaining to	<i>Bordetella bronchiseptica</i> (<i>B. bronchiseptica</i>)
Study Purpose	To demonstrate effectiveness against respiratory disease due to <i>B. bronchiseptica</i>
Product Administration	Subcutaneous
Study Animals	
Challenge Description	
Interval observed after challenge	
Results	Study data were evaluated by USDA-APHIS prior to product licensure and met regulatory standards for acceptance at the time of submission. No data are published because this study was submitted to USDA-APHIS prior to January 1, 2007, and APHIS only requires publication of data submitted after that date.
USDA Approval Date	April 10, 2000

Study Type	Safety
Pertaining to	ALL
Study Purpose	To evaluate safety under typical field conditions.
Product Administration	Subcutaneous
Study Animals	
Challenge Description	
Interval observed after challenge	
Results	Study data were evaluated by USDA-APHIS prior to product licensure and met regulatory standards for acceptance at the time of submission. No data are published because this study was submitted to USDA-APHIS prior to January 1, 2007, and APHIS only requires publication of data submitted after that date.
USDA Approval Date	July 01, 1982